

**INTERNATIONAL SEARCH REPORT**

International Application No <b>PCT/EP2004/050546</b>
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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 H04J14/02
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According to International Patent Classification (IPC) or to both national classification and IPC
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<b>B. FIELDS SEARCHED</b>
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Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04J H04B
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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EPO-Internal, COMPENDEX
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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>
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Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/154356 A1 (KRUMMRICH PETER) 24 October 2002 (2002-10-24)  paragraph '0001! paragraph '0008! paragraph '0020! – paragraph '0033!	1,2, 9-11,13, 14,16,17
P,X	EP 1 349 310 A (NORTEL NETWORKS LTD) 1 October 2003 (2003-10-01)  paragraph '0001! paragraph '0011! – paragraph '0014! paragraph '0018! paragraph '0020! paragraph '0022! paragraph '0024! paragraph '0030! – paragraph '0031!  -/-	1,2, 9-11,13, 14,16-18

<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.
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<input checked="" type="checkbox"/> Patent family members are listed in annex.
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\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- \*&\* document member of the same patent family

Date of the actual completion of the international search  9 August 2004	Date of mailing of the international search report  20/08/2004
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Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Alonso Martin, M.E.
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International Application No  
PCT/EP2004/050546.

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	FR 2 845 841 A (CORVIS FRANCE R ET D) 16 April 2004 (2004-04-16)  page 1, paragraph 1 page 5, paragraph 3 page 5, paragraph 5 – page 6, paragraph 1 page 6, paragraph 4 – page 8, paragraph 2 page 8, line 22 – line 33 _____	1,2, 9-11,13, 15
A	US 5 790 289 A (TAGA HIDENORI ET AL) 4 August 1998 (1998-08-04) column 1, line 8 – line 15 column 2, line 36 – column 3, line 35 _____	1-18
A	EP 1 280 288 A (CIT ALCATEL) 29 January 2003 (2003-01-29) paragraph '0004! – paragraph '0005! paragraph '0007! – paragraph '0008! paragraph '0016! – paragraph '0025! paragraph '0037! paragraph '0039! – paragraph '0040! paragraph '0047! – paragraph '0049! _____	1-18
A	WO 02/09299 A (SYCAMORE NETWORKS INC) 31 January 2002 (2002-01-31) page 5, line 16 – page 7, line 2 _____	1,15

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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